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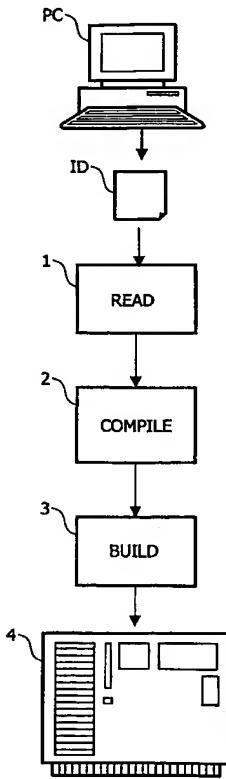
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(54) Title: SYSTEM FOR GENERATING A DISTRIBUTED IMAGE PROCESSING APPLICATION



(57) Abstract: The present invention relates to a system for distributing an image processing application over a set of processors. Said system comprises reading means for reading an input document, compiling means for detecting inconsistencies in said input document, and building means for building an executable code from said compiled document for programming said set of processors. The input document specifies modules for applying entire or steps of image processing functions to an input image. Such a module comprises input/output ports for receiving or transmitting image strips via input/output links. Said input/output ports are specified by a geometry and a law, said geometry defining a subdivision of said input image into a set of image strips and said law defining a subset of said set of image strips that is to pass through said input/output port. A module is attached to one processor of said set of processors, which runs the specified image processing function.



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